

RCRA VISUAL SITE INSPECTION EVALUATION  
Region VI, Technical Compliance Section

FACILITY'S NAME(S): Fina Oil and Chemical Co. (American Petrofina)

EPA ID NUMBER: TXDU65099160

ADDRESS: Hwy. 366 and 32nd St.

LOCATION: Port Arthur, Texas

FACILITY CONTACT: Kieth Pardue

PHONE: (713) 962-4421

SITE DESCRIPTION: Petroleum Refinery

PREPARED BY: Kristina LaRue

DATE PREPARED: September 4, 1986

REVIEWED BY: Tanga Winkle

DATE PREPARED: December 9, 1986

ANTICIPATED DRAFT PERMIT: 1st Quarter FY87

ANY ON-GOING STATE/FED 264, 265, 270 CORRECTIVE ACTION OR CERCLA: None

DATE OF INSPECTION: September 11, 1986

DUES FACILITY HAVE CERCLA SITES YES ☒ NO ☐

TYPE OF DRINKING WATER SUPPLY IN 3-MILE RADIUS: Unable to determine from information contained in the VSI.

TARGET POPULATION WITHIN 3-MILE RADIUS: Citizens of Groves and Port Arthur, Texas; approximately 50,000.

RECOMMENDATIONS: ☐ SV ☒ RI ☐ IM ☐ No Further Action under RFA

☒ 3004(u) ☐ 3007

Possible Enforcement Action: ☐ 3006(a) ☐ 3006(h)

## I. Visual Site Inspection

## A. Purpose

- \* Verify PR Information
- \* Identify additional releases
- \* Assess Condition of Solid Waste Management Units (SWMU)
- \* Aid in identifying Facility Releases
- \* Assess need for Sampling
- \* Determine Sampling Locations

B. NUMBER OF SWMU INVESTIGATED DURING THE VSI: 10

<u>LIST OF SWMU</u>	<u>REGULATED BY RCRA*</u>	<u>STATUS**</u>	<u>SUBJECT TO GWM*** SUBPART F</u>
1) Landfarm	No	I	No
2) Below Grade Tank (Unit 3)	Yes	I	?
3) Surface Impoundment (Unit 1)	Yes	A	Yes
4) Container Storage Area (Unit 4)	No	A	No
5) Oily Water Basin	No	A	No
6) API Separator	Yes	I	?
7) Equalization Basin	No	A	No
8) Surge Basin	No	I	No
9) Biological Treatment Aeration Pond	No	A	No
10) Stormwater Retention Basin	No	A	No

C. NUMBER OF SWMU IDENTIFIED DURING THE VSI (NOT IDENTIFIED IN THE PR): 4

<u>LIST OF SWMU</u>	<u>STATUS **</u>
1) API Separator	I
2) Equalization Basin	A
3) Oily Water Basin	A
4) Surge Basin	I

D. NUMBER SWMU TO BE INCLUDED IN THE RI: 6  
(except RCRA units subject to Subpart F)

<u>LIST OF SWMU</u>	<u>RATIONALE</u>
1) Landfarm	Insufficient information available regarding wastes which remained in place at time of closure.
2) Equalization Basin	Unit receives wastewater from the CPI separator; it is a cement basin; and has an oily black layer on top of the wastewater.

\* Y-Yes  
N-No

\*\* Active or Inactive (A or I)  
\*\*\* GWM-Ground Water Monitoring

LIST OF SWMURATIONALE

- |                                       |   |
|---------------------------------------|---|
| 3) Oily Water Basin                   | Liner 95% exposed and in poor condition.  |
| 4) Surge Basin                        | Unit is an earthen pond; sides of the basin are black and no vegetation exists.                                 |
| 5) Biological Treatment Aeration Pond | Unit is a below-grade, clay-lined surface impoundment which receives waste from the equalization basin.         |
| 6) Stormwater Retention Basin         | Liner bubbled up from bottom and in poor condition; receives liquids drained from Surface Impoundment (Unit 1). |

E. NUMBER OF SWMU REQUIRING NO FURTHER ACTION: 3

LIST OF SWMURATIONALE

- |                                 |  |
|---------------------------------|--|
| 1) Below Grade Tank (Unit 3)    | Groundwater monitoring through permit has measuring devices to monitor freeboard.  |
| 2) Surface Impoundment (Unit 1) | Unit to close according to revised closure plan. Closure to achieve clean closure.   |
| 3) API Separator                | Unit to close according to revised closure plan. If cracks or leakage signs are detected, the company will perform a sampling program to test for possible releases. |

F. NUMBER OF SWMU REQUIRING SAMPLING VISIT: 0

G. SUPPLEMENTAL INFORMATION ON SWMU: 1

LIST OF SWMUCONCERNS

- |                                    |   |
|------------------------------------|---|
| 1) Container Storage Area (Unit 4) | Although drums are supposed to be empty, the VSI revealed that several drums were corroded and rainwater had collected in them and at least one drum was on its side with waste spilling out. TWC is issuing a letter to Fina requiring them to remove any waste spills from the concrete pad which is surrounded by a concrete berm. |
|------------------------------------|---|

H. ARE FACILITY MAPS/PHOTOS INCLUDED WITH ORIGINAL VSI REPORT? YES X NO     

RECOMMENDATIONS:

EPA agrees with TWC that a RCRA Facility Investigation (RFI) is needed at the four units listed under Section D of this report. We further agree that no RFI is needed for the units listed in Section E and G.

CONCUR: Lydia M. Boada Clista DATE: 12/9/86